

Sta.	Grade Bottom	Hill's.	Difference.		Width Top.		Berme.		Earth sides.		
			High	Low	Report	Hill	Right.	Left.	Sq. Ft.	Yds.	
0.	91.00	B R A N C H	In this part of Branch No. 4 the bottom is very soft, and bar will sink its entire length.	N O	4.						
1.	90.98				7.4	5.5	No earth	No earth	6.0	6.0	
2.	90.97				7.6	4.8	"	"	"	"	
3.	90.95				90.58	7.6	5.3	"	"	"	
4.	90.93	90.56	6.2	* 7.8	"	"	"	"			
5.	90.91		4.4		"	"	"	"			
6.	90.90		5.8	7.0	"	"	"	"			
7.	90.88		5.4	6.0	"	"	"	"			
8.	90.86		5.8	5.8	"	"	"	"			
9.	90.85		6.0	5.7	"	"	"	"			
10.	90.83		6.0	5.4	"	"	"	"			
11.	90.81		5.8	6.0	"	"	"	"			
12.	90.80		5.6	7.2	"	"	"	"			
13.	90.78		5.4	6.6	"	"	"	"			
14.	90.76		5.6	5.6	"	"	"	"			
15.	90.74		6.0	6.6	"	"	"	"			
16.	90.73		5.8	6.3	"	"	"	"			
17.	90.71	90.43	5.4	6.0	"	"	"	"			
18.	90.69		5.6	6.0	"	"	"	"			
19.	90.68		5.6	6.0	"	"	"	"			
20.	90.66		5.8	5.8	"	"	"	"			
21.	90.64		6.0	6.0	"	"	"	"			
22.	90.62		5.8	5.7	"	"	"	"			
23.	90.61		5.6	5.4	"	"	"	"			
24.	90.59		6.7	5.4	"	"	"	"			
25.	90=59		7.4	5.3	1.0	1.0	4.0				
26.	90.56		8.0	7.5	1.0	1.0	5.0	17.			
27.	90.54		8.6	6.9	1.0	1.0	12.0	31.			
28.	90.52		8.6	8.7	1.0	1.0	12.0	44.			
29.	90.52		8.6	8.8	1.0	1.0	8.0	37.			
30.	90.48		7.8	7.1	1.0	1.0	8.0	30.			
			7.8	8.0	1.0	1.0	8.0	30.			

			Branch	No. . . 4	Continued.					
31.	90.46				7.6	7.1	0.0	0.0	9.0	31.
32.	90.44				7.8	6.2	0.0	0.0	9.0	33.
33.	90.42	90.19	0.23		9.8	8.0	1.0	1.0	11.0	41.
34.	90.40	90.88	0.48		12.0	10.0	0.0	0.0	13.0	44.
35.	90.38	90.62	0.24		11.8	9.3	0.0	0.0	10.0	43.
35+50	90.37	90.92	0.55		11.6	10.0				
36.	90.36				11.2	10.9	0.0	0.0	14.0	44.
36+33	90.35	90.92	0.57		11.0					
37.	90.34	90.62	0.28		11.0	11.2	0.0	0.0	10.0	44.
38.	90.32				11.0	11.4	1.0	1.0	12.0	40.
39.	90.30				9.6	9.5	1.0	1.0	12.0	44.
40.	90.28				8.4	7.7	0.0	0.0	10.0	40.
41.	90.26				8.2	7.9	0.0	0.0	10.0	37.
42.	90.24				8.0	7.8	0.0	0.0	10.0	37.
43.	90.22				8.0	7.5	0.0	0.0	12.0	41.
44.	90.20				8.0	7.5	0.0	0.0	12.0	44.
45.	90.18				8.4	8.1	0.0	0.0	10.0	41.
46.	90.16				9.0	9.1	1.0	1.0	9.1	35.
47.	90.14				10.0	10.5	0.0	0.0	10.5	35.
48.	90.12				10.8	10.6	0.0	0.0	10.0	37.
49.	90.10				11.6	10.8	0.0	0.0	10.0	37.
50.	90.08				11.2	11.0	0.0	0.0	11.0	39.
51.	90.06				11.4	11.5	0.0	0.0	11.0	40.
52.	90.04				11.6	11.8	0.0	0.5	11.0	40.
53.	90.02				11.8	12.4	0.0	0.0	12.0	42.
54.	90.00				12.2	12.6	0.0	0.0	14.0	48.
55.	89.97				12.0	12.6	0.0	0.0	14.0	52.
56.	89.94				12.2	12.5	0.0	0.0	13.0	50.
57.	89.92				12.4	12.5	0.0	0.0	14.0	50.
58.	89.89				12.4	12.5	0.0	0.0	15.0	53.
59.	89.86				12.4	12.6	0.0	0.0	16.0	57.
60.	89.83				12.6	12.4	0.0	0.0	12.0	52.
61.	89.80	90.02	0.22		9.0	12.2	1.0	1.0	12.0	44. 44. 45.

	Branch	No. 4 Continued.							
62.	89.77		12.4	12.2	2.0	2.0	12.0	44.	
63.	89.74		12.4	12.3	0.0	0.0	11.0	42.	
64.	89.72		12.4	12.6	0.0	0.0	12.0	42.	
65.	89.69	89.71	Hard. Bot. 12.4	12.9	0.0	0.0	12.0	44.	
66.	89.66		12.4	12.9	0.0	0.0	13.0	44.	
67.	89.63		12.6						
68.	89.60		12.8	1.27	0.0	1.0	13.0	44.	
69.	89.58		10.6	11.3	0.0	0.0	11.0	44.	
70.	89.55		8.6	11.5	1.0	0.0	9.0	37.	
71.	89.52		9.4	11.6	1.0	0.0	9.0	33.	
72.	89.50		10.6	11.7	1.0	100	8.0	32.	
73.	89.47		11.8	12.0	1.0	1.0	9.0	32.	
74.	89.44		13.2	13.0	0.0	0.0	14.0	43.	
75.	89.41		13.2	13.0	1.0	1.0	11.0	46.	
75+50	89.40	89.71	0.31	13.0					
76.	89.38		13.0	12.7	0.0	0.0	11.0	40.	
77.	89.36		12.8	12.3	1.0	1.0	11.0	40.	
78.	89.33		12.6	10.7	1.0	0.0	9.0	37.	
79.	89.30		12.8	10.3	1.0	0.0	8.0	32.	
80.	89.27	89.91	0.64	12.8	10.3	2.0	7.0	28.	
81.	89.24		14.6	10.3	2.0	2.0	7.0	26.	
82.	89.22	89.96	0.74	soft. 10.4	10.3	2.0	0.0	7.0	26.
83.	89.19		10.8	9.2	2.0	1.0	6.0	24.	
84.	89.16		11.0	10.2	2.0	1.0	7.0	24.	
85.	89.13		11.0	10.6	2.0	2.0	8.0	28.	
86.	89.10		15.6	15.3	2.0	1.0	12.0	37.	
87.	89.08	90.06	1.00	soft. 14.0	14.0	2.0	0.0	15.0	50.
88.	89.05		13.4	14.5	2.0	2.0	12.0	50.	
89.	89.02		14.0		2.0	2.0	16.0	26.	
89+50	89.00		14.4				995.		

Summary
 Sheet No. 1.
 Sheet No. 2.

1899.
1315
 2499.

Sta.	Grade Bottom,	Hill's. Elevation,	Differences.		Width Report.	Top. Hill's	Berme,		Earth. Sq. Ft.	Yds.
			High.	Low.			R.	L.		
			B R A N C H N O. 3.							
0.	93.00				9.2	9.0	2.0	2.0	8.0	
1.	92.95				9.2	9.0	2.0	2.0	8.0	30.
2.	92.90				9.4	9.4	2.0	2.0	8.0	30.
3.	92.85				9.6	9.3	2.0	2.0	8.0	30.
4.	92.80				8.8	8.7	2.0	2.0	8.0	30.
5.	92.75				7.0	8.4	2.0	2.0	8.0	30.
6.	92.70				8.6	7.0	2.0	2.0	8.0	30.
7.	92.65				8.6	7.9	2.0	2.0	6.0	26.
8.	92.60				8.2	8.4	2.0	2.0	6.0	22.
9.	92.55				7.2	7.4	2.0	2.0	4.0	18.
10.	92.50				10.0	9.1	2.0	2.0	5.0	17.
11.	92.45	92.58	0.13		9.4	9.0	2.0	2.0	6.0	20.
12.	92.40				9.0	8.5	2.0	2.0	5.0	20.
13.	92.35				6.4	6.3	2.0	2.0	6.0	20.
14.	92.30				10.2	10.5	2.0	2.0	5.0	20.
15.	92.25	92.38	0.03		13.4	13.2	2.0	2.0	5.0	18.
16.	92.20				11.2	11.1	3.0	3.0	4.0	17.
17.	92.15				10.8	10.8	3.0	3.0	4.0	15.
18.	92.10				9.4	9.1	6.0	6.0	0.0	7.
19.	92.05	92.14	0.09		11.0	11.2	3.0	3.0	4.0	7.
20.	92.00	91.94	0.06		9.6	10.2	3.0	3.0	4.0	15.
21.	91.98	91.94		0.01	10.4	10.3	0.0	6.0	2.0	11.
22.	91.90	92.14	0.24		10.0	10.3	1.0	2.0	4.0	11.
23.	91.85	92.64	0.79		10.2	10.0	0.0	3.0	4.0	15.
24.	91.80	92.23	0.43		9.8	10.0	0.0	2.0	4.0	15.
25.	91.75	92.35	0.60		9.6	9.9	0.0	2.0	4.0	15.
26.	91.70	92.14	0.44		11.0	10.7	0.0	2.0	4.0	15.
27.	91.65	91.95	0.30		9.0	8.5	0.0	2.0	4.0	15.
28.	91.60	91.95	0.35		3.5	10.4	6.0	6.0	0.0	7.
29.	91.55	91.82	0.27		10.6	11.2	2.0	2.0	4.0	7.
30.	91.50	91.82	0.32		11.2	10.2	2.0	2.0	4.0	15.

Branch No. 3, Continued.

65.	89.75	89.40	0.35	10.2	10.1	2.0	0.0	6.0	24.	
66.	89.70			10.4	10.3	2.0	0.0	6.0	22.	
67.	89.65			11.0	11.6	3.0	1.0	6.0	22.	
68.	89.60			10.0	9.5	2.0	2.0	6.0	22.	
69.	89.55			9.8	10.5	3.0	2.0	6.0	22.	
70.	89.50			9.4	9.7	3.0	1.0	6.0	22.	
71.	89.45			10.0	10.6	2.0	1.0	8.0	26.	
72.	89.40			11.0	10.9	2.0	2.0	8.0	30.	
73.	89.35			11.4	10.7	2.0	2.0	8.0	30.	
74.	89.30			11.0	11.8	2.0	2.0	7.0	28.	
75.	89.25			11.0	10.9	2.0	2.0	7.0	26.	
76.	89.20			11.8	11.0	2.0	2.0	7.0	26.	
77.	89.15			15.2	14.7	2.0	0.0	12.0	35.	
78.	89.10	89.83	0.73	15.0	15.0	1.0	1.0	10.0	40.	
79.	89.05			16.6	15.0	2.0	2.0	12.0	40.	
80.00	89.00			15.8	14.5	2.0	2.0	12.0	44.	
81.	88.95			15.2	15.8	2.0	2.0	10.0	40.	
82.	88.90			13.6	15.3	2.0	2.0	11.0	39.	
83.	88.88	89.64	0.76	14.0	13.0	2.0	2.0	10.0	39.	soft
84.	88.86			12.8	13.5	2.0	0.0	10.0	37.	
85.	88.84			13.0	13.0	1.0	0.0	9.0	35.	
86.	88.82			13.0	13.0	1.0	0.0	10.0	35.	
87.	88.80	89.60	0.80	12.8	12.5	1.0	0.0	12.0	40.	
88.	88.78			13.6	12.3	2.0	0.0	6.0	39.	
89.	88.76			13.4	13.6	2.0	0.0	8.0	31.	
90.	88.74			13.4	13.6	2.0	0.0	4.0	22.	
91.	88.72			13.6	13.3	2.0	0.0	7.0	20.	
92.	88.70			13.6	13.3	2.0	0.0	8.0	28.	
93.	88.68	89.80	0.88	14.4	13.7	2.0	0.0	8.0	30.	soft
94.	88.66			13.8	14.0	2.0	0.0	8.0	30.	
95.	88.64			13.4	14.2	2.0	0.0	10.0	33.	
96.	88.62			13.5	14.0	2.0	0.0	9.0	35.	
97.	88.60	89.43	0.83	13.6	13.8	2.0	0.0	4.0	24.	Soft.
98.	88.58			14.2	13.7	1.0	0.0	10.0	26.	

	Branch No. 3	Continued.					
99.	88.56	12.5	14.0	2.0	0.0	10.0	37.
100.	88.55	14.6	15.0	2.0	2.0	7.0	31.
101.	88.54	16.2	15.0	3.0	3.0	10.0	31.
1022	88.53	16.8	16.0	3.0	3.0	9.0	35.
103.	88.51	1.32	16.6	3.0	0.0	9.0	33. sand.
103+40	88.50	16.6	15.0	3.0	0.0	9.0	13.-----
	89.53	1.01	Junction of Branch No. 3 and Main Ditch.				180.
		End of Branch No. 3.					

Summary of the number of cubic yards to be thrown back on the

Berme.	
Branch No. 3.	
Sheet No. 4.	548.
" "	2.
" "	725.
" "	3.
<u>Total.</u>	<u>1042.</u>
	2495.